

## Infection Control Risk Assessment for Construction / Renovation Projects

Project Name: <b>Replace Hot Water Steam Bundles, B-200, Lower Level</b>		Project/ Work-Order Number: <b>578-15-020</b>	
Project Planner or Technician: <b>Azad Sunkavalli</b>		Extension: <b>21152</b>	
Building Number: <b>200</b>		Floor(s)/Room(s): <b>Lower Level</b>	
Start date:		Projected completion date:    /    /	
<b>Construction Activity</b>		<b>Infection control risk group</b>	
	TYPE A: Non-invasive activity, low noise, no vibration DUST LEVEL Low	X	GROUP 1: Low office areas, FMS areas, all non-patient care areas.
	TYPE B: Small scale, short duration, low-moderate noise, low-moderate vibration DUST LEVEL: Moderate to High		GROUP 2: Medium All other patient care areas including general medicine floors, ultrasound, Rehab, Occupational Therapy.
X	TYPE C: Requires more than one work shift to complete, low-moderate noise, moderate-high vibration DUST LEVEL Moderate to High		GROUP 3: Medium/High ED, Radiology/MRI, admissions, food service areas, laboratories.
	TYPE D: Major demolition and construction activities Requiring consecutive work shifts, moderate-high noise, moderate-high vibration DUST LEVEL High		GROUP 4: Highest Operating rooms, SPS, ICU's, Outpatient areas, oncology, anesthesia, post anesthetic recovery, all endoscope areas, Pharmacy, Renal Dialysis

### Project Class Determination Matrix

<u>Construction Activity →</u>	Type "A"	Type "B"	Type "C"	Type "D"
<u>Risk Level ↓</u>				
<b>Group 1</b>	<b>I</b>	<b>II</b>	<b>II</b>	<b>III</b>
<b>Group 2</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>
<b>Group 3</b>	<b>I</b>	<b>III</b>	<b>III</b>	<b>IV</b>
<b>Group 4</b>	<b>III</b>	<b>IV</b>	<b>IV</b>	<b>IV</b>

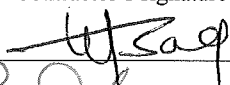
### Contractors Actions by Project Class

<b>CLASS I</b>	<ol style="list-style-type: none"> <li>Execute work by methods to minimize raising dust from construction operations.</li> <li>Immediately replace any ceiling tile displaced for visual inspection.</li> </ol>	<ol style="list-style-type: none"> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS II</b>	<ol style="list-style-type: none"> <li>Provide active means to prevent air-borne dust from dispersing into atmosphere.</li> <li>Water mist work surfaces to control dust while cutting.</li> <li>Seal unused doors with duct tap</li> </ol>	<ol style="list-style-type: none"> <li>Block off and seal air vents.</li> <li>Wipe surfaces with disinfectant.</li> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS III</b>	<ol style="list-style-type: none"> <li>Isolate HVAC system in area where work is being done to prevent contamination of the duct system.</li> <li>Complete all critical barriers before any work begins.</li> <li>Maintain negative air pressure within work area utilizing HEPA-equipped air filtration units.</li> <li>Provide dust mat at entrance and exit of work area.</li> </ol>	<ol style="list-style-type: none"> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Wet mop or vacuum with HEPA-filtered vacuum before leaving work area.</li> <li>Cover transport receptacles or carts. Tape covering.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>
<b>CLASS IV</b>	<ol style="list-style-type: none"> <li>Isolate HVAC system in area where work is being done to prevent contamination of the duct system.</li> <li>Complete all critical barriers before any work begins.</li> <li>Maintain negative air pressure within work area utilizing HEPA-equipped air filtration units.</li> <li>Provide adhesive walk-off mat at entrance and exit of work area.</li> <li>Seal holes, pipes, conduits and punctures appropriately.</li> <li>Vacuum the entire work area with HEPA vacuums or wet mop with disinfectant at the completion of project.</li> </ol>	<ol style="list-style-type: none"> <li>Do not remove barriers from work area until completed project is thoroughly cleaned by housekeeping and inspected by the Infection Control Department, Safety Section, and Engineering Service.</li> <li>Remove barrier materials carefully to minimize spreading dust and debris associated with construction.</li> <li>Contain construction waste before transport in tightly-covered containers.</li> <li>Cover transport receptacles or carts. Tape covering.</li> <li>Remove isolation of HVAC system in areas where work was performed at the end of the project.</li> <li>Emergency Preparedness training/posting/ID card.</li> </ol>

**Risk Assessment for TB exposure:** Does the project involve a) HVAC Yes \_\_\_\_\_ No X b) HEPA filters Yes X No \_\_\_\_\_

c) Negative Pressure Room (s)? Yes \_\_\_\_\_ No X If any checked yes, an N95 mask **will be required**.

Classification II Contractor's signature (for Projects only) \_\_\_\_\_

Project Planner or Technician Signature 

Supervisor signature 

Date: 4/20/2016